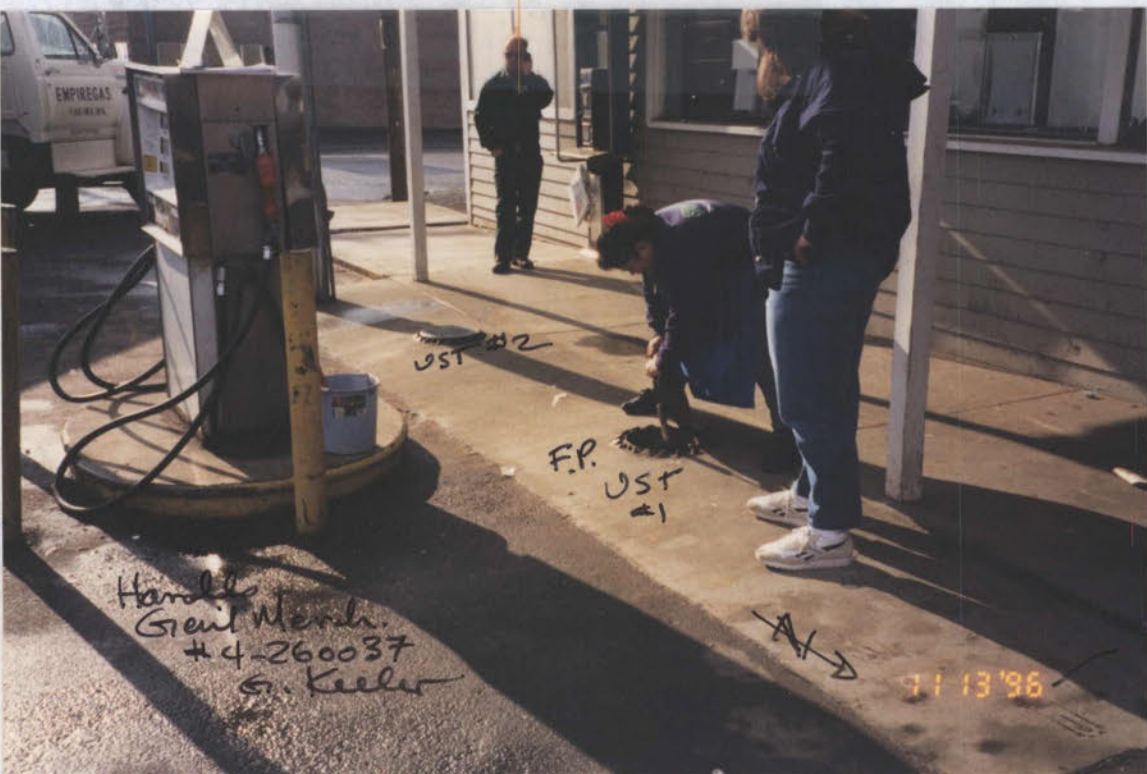




PS Inc. 1978 ©



*The galvanic anode system is frequently used for new steel tanks, but professional CP designers generally feel it is a difficult system to use for an UST upgrade. The **impressed current** system is a far better system. It works by having a rectifier unit change AC current to DC current, which is then runs it out to a set of anodes placed around the tank(s) and piping. The anodes then "bathe" the metal UST system in electrons (electric current), thus preventing corrosion. The operational power costs are described by many as "pennies per week," but there are required periodic operational tests to ensure proper rectifier settings. To get more details on this system and the other corrosion protection methods, please refer to the enclosed 2-sided fact sheet entitled **"Options and Costs for 1998."***

TECHNICAL COMPLIANCE IS STILL A PRIORITY

EPA has spent most of the last six years helping UST owners/operators understand the regulations and come into compliance, and over the more recent years owners/operators have been held liable for non-compliance items found during inspections. This will not change and EPA strongly encourages owners/operators to check the UST requirements and make changes, if necessary, to their equipment, documentation, and operations in order to be in full compliance and avoid enforcement actions.

*An important new compliance item that many of you have observed is providing **financial responsibility** for your UST operations. For most facilities this usually consists of obtaining an insurance policy against environmental pollution, although other legal mechanisms are available. If you have not satisfied this requirement yet, please call the state insurance contacts listed on page 2 ASAP.*

HELP IS ON THE WAY!

If you have not been provided with EPA booklets before, including during on-site inspections, a number of them are

included with this bulletin for your reference and use. The basic package is the same for all, except that we have included booklets for those of you using inventory control or manual tank gauging for your monthly leak detection, based upon EPA latest information about your UST facility. These materials are as follows:

- ▶ **Musts for USTs:** This is the best single summary of the federal UST program and its requirements. This is the latest edition of the original.
- ▶ **Don't Wait Until 1998:** This discusses the important UST upgrades required of existing UST systems by 1998.
- ▶ **Straight Talk on Tanks:** Alternative leak detection methods are nicely presented in this booklet with pros and cons for each method discussed.
- ▶ **Dollars and Sense:** Financial responsibility requirements are summarized and the various alternative mechanisms are presented.
- ▶ **Doing Inventory Control Right:** This booklet gives you the ABCs of this method and provides several extremely useful record keeping forms to use.
- ▶ **Manual Tank Gauging:** For the UST facilities with small tanks that use this method, this is great how-to-do-it publication.
- ▶ **Financing UST Work--Federal and State Assistance Programs:** This booklet identifies a number of sources for financial assistance to the UST facility owner.

After you have read this material, if you still need more information, contact us! (Over for contacts)

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) CONTACTS

FACILITY DATA

FACILITY ID NUMBER: 4-260037

OWNER'S ID : 232

DATE RECEIVED : 06-24-91

NOTIFICATION TYPE : Amended

NUMBER OF TANKS : 2

OWNERSHIP OF TANK(S):

Name : ALLEN MYERS
Mailing Address: 160 S WAPATO RD
City : WAPATO
Phone: (b) (6)

State : WA
County: YAKIMA

Zip Code: 98951

LOCATION OF TANK(S):

Name : HAROLDS GENERAL MERCHANDISE
Street Address: 4080 HARRAH RD
City : HARRAH
County: YAKIMA

State : WA
Latitude: NOT MARKED

Zip Code : 98933
Longitude: NOT MARKED

OWNER TYPE : Private

INDIAN LANDS :

Reservation/Trust Lands: YES
Owned by Tribe : NOT MARKED
Name of Tribe/Nation : YAKIMA

FACILITY TYPE(S):

Gas Station

CONV STORE

CONTACT PERSON IN CHARGE OF TANKS:

Name : DOUGLAS E DEYO
Address: PO BOX 192
City : HARRAH
Phone : (b) (6)

State: WA

Zip Code: 98933

Title: MANAGER

CERTIFICATION:

Name : LARRY MYERS
Title: NOT MARKED
Date : 06-20-91

FINANCIAL RESPONSIBILITY:

I have met the financial requirements: NOT MARKED
Method(s):
NOT MARKED

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Signature: Douglas E Deyo

Date: 11-30-93

EPA - REGION 10
RECEIVED

DEC 06 1993

WATER DIVISION
DRINKING WATER/GROUND WATER

DBase 12/16
no changes nec.

11/7/96
LARRY MYERS
Insp. middle of next wk.
Larry should call me

11/13/96
Mr. Deyo
on vacation

BCH
4-260037

FACILITY ID*	4-260037	4-260037
TANK ID	1	2
Status of Tank		
Currently In Use	X	X
Temp. Out of Use		
Perm. Out of Use		
Amendment		
Date of Installation	11-01-79	11-01-79
Age	14	14
Est. Total Capacity (Gals)	2,000	2,000
Material of Construction		
Asphalt or Bare Steel	X	X
Cath. Protected Steel		
Epoxy Coated Steel		
Composite		
Fiberglass Reinf. Plas.		
Lined Interior		
Double Walled		
Poly. Tank Jacket		
Concrete		
Excavation Liner		
Unknown		
Other, explanation		
Tank been repaired?		
Piping Material		
Bare Steel		
Galvanized Steel	X	X
Fiberglass		
Copper		
Cathodically Protected		
Double Walled		
Secondary Containment		
Unknown		
Other, explanation		
Piping Type		
Suction: No Valve	X	X
Suction: Valve		
Pressure		
Gravity Fed		
Piping been repaired?		
Substance Stored in Tank		
Gasoline	X <i>ONE</i>	X <i>ONE (previous Reg.)</i>
Diesel		
Gasohol		
Kerosene		
Heating Oil		
Used Oil		
Other, explanation		

Tank Data

FACILITY ID*	4-260037	4-260037			
TANK ID	1	2			
Substance Stored in Tank					
Hazardous Substance					
CERCLA Name					
CAS Number					
Mixture					
Mixture, Specification					
Tanks Out of Use/Chg. Ser.					
Est. Date Last Used					
Est. Date Tank Closed					
Removed from Ground					
Closed in Ground					
Filled with Inert Mat.					
Inert Mat. Description					
Change in Service					
Site Assessment Compl.					
Leak Detected					
Installation					
Certified by Manufac.					
Certified by Imple. Agn	X	X			
Inspected by Engineer					
Inspected by Imple. Agn					
Checklists Completed	X	X			
Another Allowed Method					
Method Description					
Release Detection	Tank	Piping	Tank	Piping	
Manual Tank Gauging	X		X		
Tank Tightness Testing	X		X		
Inventory Controls	X		X		
Automatic Tank Gauging					
Vapor Monitoring					
Groundwater Monitoring					
Inter. Mon./Double Wall					
Inter. Mon./Sec. Cont.					
Auto. Line Leak Detect.					
Line Tightness Testing					
Other Method		1/12/94			
Other Description	TTT 3-2	TTT 3-2			
	3-91	3-91			
Spill and Overfill	X	X			
Overfill Device Inst.	SPRING 93	SPRING 93			
Spill Device Installed	SPRING 93	SPRING 93			
Installation					
Name	DON GECK	DON GECK			
Position	INSTALLER	INSTALLER			
Company	JOE HALL CONST	JOE HALL CONST			
Date					

Boulind-Yeung, Charlotte

From: Wil Badonie <Wil_Badonie@Yakama.com>
Sent: Wednesday, July 24, 2019 3:06 PM
To: Boulind-Yeung, Charlotte
Subject: RE: Harold's Market UST Inspection 2019 documents
Attachments: Harolds_Market_Northwest_Tank_Compliance_Report_83769_2019-05-29 .pdf

Attached is the Northwest Tank testing summary results for CP, monitor certification, and ATG probe inspection performed on May 29, 2019.

Wil Badonie

Tribal Underground Storage Tank Inspector
HazMat Spill Response
Yakama Nation Environmental Management
604 West 4th Avenue, Toppenish, WA 98948
Office: (509) 865 – 5121 ext. 6079
Mobile Phone: (509) 985 – 5408
Email: wil_badonie@yakama.com

From: Boulind-Yeung, Charlotte <Boulind-Yeung.Charlotte@epa.gov>
Sent: Wednesday, July 24, 2019 2:37 PM
To: Wil Badonie <Wil_Badonie@Yakama.com>
Subject: RE: Harold's Market UST Inspection 2019 documents

Thanks lots, Wil. Can you also send the test results they got for May 2019 testing? I believe it's the CP report as well as the annual lines/ATG report.

Charlotte Boulind-Yeung | RCRA & Tanks Branch | Land, Chemicals & Redevelopment Division
U.S. Environmental Protection Agency | Region 10
1200 6th Avenue, Suite 155, Mail Stop: 20-C04 | Seattle, WA 98101
P: (206) 553-6315 | F: (206) 553-4743 | C: (206) 930-0293 | boulind-yeung.charlotte@epa.gov

From: Wil Badonie <Wil_Badonie@Yakama.com>
Sent: Wednesday, July 24, 2019 11:11 AM
To: Boulind-Yeung, Charlotte <Boulind-Yeung.Charlotte@epa.gov>
Subject: Harold's Market UST Inspection 2019 documents

Charlotte,

Attached are the following final inspection documents for Harold's Market EPA Facility ID No. 4260037, date of inspection on May 28, 2019.

1. Inspection notification form
2. Tribal UST Inspection form
3. Inspection notes and photo log
4. PowerPoint document of inspection notes
5. UST compliance inspection follow up letter

Wil Badonie

Tribal Underground Storage Tank Inspector

HazMat Spill Response

Yakama Nation Environmental Management

604 West 4th Avenue, Toppenish, WA 98948

Office: (509) 865 – 5121 ext. 6079

Mobile Phone: (b) (6)

Email: wil_badonie@yakama.com

Northwest Tank & Environmental Services, Inc.

17407 59th Ave SE

Snohomish, WA 98296

PH: (800) 742-9620 FAX: (425) 645-7881

<http://www.nwtank.com>

Friday, May 31, 2019

Harold's Market
4080 Harrah Rd
Harrah, WA 98933

Harold's Market
4080 Harrah Rd
Harrah, WA 98933

RE: Job ID 83769

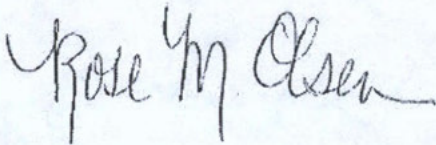
Dear Valued Customer:

The **Official Report** including all test results and any supporting documentation are enclosed. The test data covered in this report are specific to each test conducted. For your convenience, a summary of testing conducted is provided on the report cover page.

Unless stated otherwise, all compliance testing data must be maintained on site for a minimum of **5 years**. Instructions for specific test types may follow.

Please call if you have any questions or require additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Rose M. Olsen". The signature is fluid and cursive, with the first name "Rose" being the most prominent.

Northwest Tank & Environmental Services, Inc.



Maintain all test reports on-site for a minimum of 5 years.

OFFICIAL REPORT

Test Report For:

Client
Harold's Market
4080 Harrah Rd
Harrah, WA 98933
Job #: 83769

Site
Harold's Market
4080 Harrah Rd
Harrah, WA 98933
UST Site ID: NA

Date Testing Conducted

Wednesday May 29, 2019

Testing Summary

Cathodic Protection Test Every 3 Year Pass
Tank Monitor Certification and ATG Probe Inspection Pass

Report Analyst: Tom [Signature]

Certified Supervisor: Neil Rosenkranz Certificate #: 8588-U3

Work Acknowledgement Form

Customer Name: Harold's Market **UST Site ID:** NA
Site Name: Harold's Market
Site Address: 4080 Harrah Rd, Harrah
Job Number: 83769
Ticket / PO#: COD
Date Of Service: 05/29/2019

Testing Company: Northwest Tank & Environmental Services, Inc.
Primary Technician: Neil Rosenkranz
Address: 17407 59th Ave SE
City/State/Zip: Snohomish, WA 98296
PH: (800) 742-9620

Start Time:	08:59:16	End Time:	10:53:37	Number of Technicians:	2
--------------------	----------	------------------	----------	-------------------------------	---

Scope of work scheduled: Site Representative Upon Checkin: Larry

Cathodic Protection Test **Signature:**

Every 3 Year

Tank Monitor Certification

and ATG Probe Inspection



Monitoring System Issues Observed Upon Arrival:
None

Dispenser and UST System Issues Observed Upon Arrival:
None

Dispatch Notes:

Technician Comments:

Waste water removed from UDC and disposed of on trucks barrel.

-----Galvanic System-----

Comments - Site has one double wall steel tank with sacrificial anodes and fiberglass single wall line with UDC. Tank is isolated from all tank top risers and venting. All readings taken with copper copper sulfate reference cell were greater than -850mV. Site passed cathodic protection testing.

-----Tank Monitor-----

--Tank_monitors--

#1: Manual stick readings within 1" of ATG readings.

All liquid sensors functionally tested and operate per manufacturers spec.

UDC contained water but was pumped out while on site.

Probe was removed, cleaned, inspected and tested. Probe operates as required and floats move freely.

Parts Installed

Qty	Part #	Model	Name	Serial #	Core Retained	Repair Time
5	Wastewater	NWT	Waste Water Disposal	N/A	N/A	0

Monitoring System Issues Noted at Departure:
None

Dispenser and UST System Issues Noted at Departure:
None

Monthly Monitoring Records for the last 12 Months

Tanks					
Tank State ID	Product	Tank Overfill and Monthly Monitoring Verification	Verification Method	Monthly Monitor	Records Maintained 12 Months
1	Regular	DTFV = Drop Tube Flapper Valve	Visual	ATG	Yes

Post-Operation Checks

Technician has pumped from each product? N/A

Have all isolated mechanisms been removed? N/A

Technician has walked the site for remaining tools and hazards?
Yes

Dispensers out of stand-alone? N/A

Technician Signature:

Site Representative at Checkout:

Neil R



Monitoring System Certification

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Contact Person: Ryan Myers

Make / Model Monitoring System: V-RTLS 300

Company Name: Harold's Market

Site Address: 4080 Harrah Rd

UST Site ID: NA

Date Of Testing: 05/29/2019

Site Name: Harold's Market

City, State, ZIP: Harrah, WA 98933

Facility Phone Number: (509) 848-2282

Serial #: 0848590-521

B. Inventory of Equipment Tested/Certified

Tank #: 1 Regular	
In-Tank Gauging Probe	Mag Probe plus
Annular Space or Vault Sensor:	794390-420
Piping Sump / Trench Sensor:	N/A
Fill Sump Sensor:	N/A
Mechanical Line Leak Detector:	N/A
Electronic Line Leak Detector:	N/A
Tank Overfill / High Level Sensor:	OPW 61SO
Other:	

Dispenser ID:	1/2
Dispenser Containment Sensors Model:	TSP-ULS
Shear Valves: Yes	Floats & Chains: No

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report (check all that apply):

Technician Name: Neil Rosenkranz

Certification Number:

Expiration Date:

Signature:

Neil R

Testing Company Name: Northwest Tank & Environmental Services, Inc.

Address: 17407 59th Ave SE Snohomish, WA 98296

Date of Testing: 05/29/2019

D. Results of Testing/Service

Yes	Is the audible alarm operational?
Yes	Is the visual alarm operational?
Yes	Were all sensors visually inspected, functionally tested, and confirmed operational?
N/A	If alarms are relayed to a remote monitoring station, is all communications equipment operational?
N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected?
N/A	If yes: which sensors initiate positive shut-down?
N/A	Did you confirm positive shut-down due to leaks and sensor failure/disconnection?
N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly?
N/A	If so, at what percent of tank capacity does the alarm trigger?
No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E below.
Yes	Was liquid found in any secondary containment systems designed as dry systems?
Water	If yes, what type of liquid?
Yes	Was monitoring system set-up reviewed to ensure proper settings? Attach setup reports, if applicable.
Yes	Is all monitoring equipment operational per manufacturers specifications?

In section E. below, describe how and when these deficiencies were or will be corrected.

E. Comments

Manual stick readings within 1" of ATG readings. All liquid sensors functionally tested and operate per manufacturers spec. UDC contained water but was pumped out while on site. Probe was removed, cleaned, inspected and tested. Probe operates as required and floats move freely.

State Tank ID	Product	Manual Stick Readings(inches)	Gauge Readings(inches)	Difference
1	Regular	35.75	35.36	.39

F. In-Tank Gauging / SIR Equipment

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

No	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
Yes	Were all tank gauging probes visually inspected for damage and residue buildup?
Yes	Was accuracy of system product level readings tested?
Yes	Was accuracy of system water level readings tested?
Yes	Were all probes reinstalled properly?
Yes	Were all items on the equipment manufacturer's maintenance checklist completed?

G. Line Leak Detectors (LLD):

N/A	For equipment startup or annual equipment certification, was leak simulated to verify LLD performance?
N/A	Leak Rate
N/A	Were all LLDs confirmed operational and accurate within regulatory requirements?
N/A	Was the testing apparatus properly calibrated?
N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
N/A	Were all items on the equipment manufacturer's maintenance checklist completed?

Next Due: 05/29/2020

[illegible]

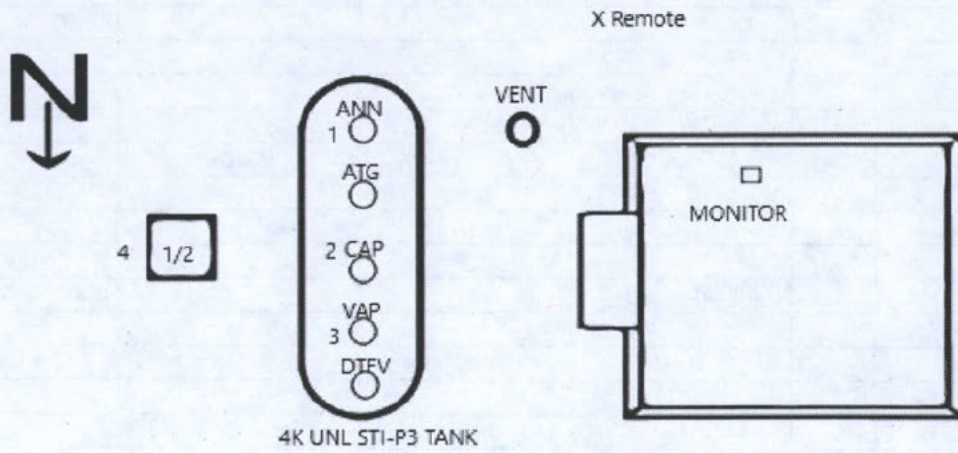
Site Map

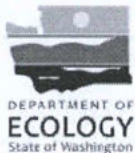
Customer Name: Harold's Market Site Name: Harold's Market

Site Address: 4080 Harrah Rd, Harrah

Job Number: 83769

UST Site ID:NA





GALVANIC CATHODIC PROTECTION EVALUATION CHECKLIST

UST ID #: NA

County : Yakima

FOR Underground Storage Tanks

This checklist certifies that cathodic protection testing activities were performed and conducted in accordance with Chapter 173-360 WAC.

I. UST FACILITY		II. CERTIFIED CATHODIC PROTECTION TESTER				
Facility Compliance Tag #:		Service Provider Name: Neil Rosenkranz				
UST ID #: NA		Company Name: Northwest Tank & Environmental Services, Inc.				
Site Name: Harold's Market		Address: 17407 59th Ave SE				
Site Address: 4080 Harrah Rd		City:	Snohomish	State:	WA	Zipcode: 98296
City: Harrah		Phone:	(800) 742-9620	Email:	info@nwtank.com	
Site Phone: (509) 848-2282		Certification Type: STI Cathodic Protection ICBO U4				
County: Yakima		Cert. #: 8588-U4		Exp. Date: 02-15-2021		
III. RESULTS OF EVALUATION (which include results of both continuity system surveys)						
<input checked="" type="checkbox"/> PASS The criteria, used to evaluate whether cathodic protection is adequate, were in accordance with a code of practice developed by a nationally recognized association (e.g. NACE), as required by <input type="checkbox"/> FAIL the Washington State Underground Storage Tank Regulations.						
Date CP Evaluation Performed: 05/29/2019						
IV. CRITERIA APPLICABLE TO EVALUATION						
Continuity Survey:		<input checked="" type="checkbox"/> PASS - continuity data is passing and no action is needed. <input type="checkbox"/> FAIL - continuity data is failing and the system requires a repair or retrofit.				
System Survey		#TANKS	#PIPE RUNS	#STP SFCs ¹	#DISP SFCs ²	
Neg. 850 mV ON	<input checked="" type="checkbox"/> PASS	1	1			A negative (cathodic) potential of at least -850 mV with the cathodic protection applied. This potential is with respect to a saturated copper-copper sulfate reference electrode containing electrolyte.
	<input type="checkbox"/> FAIL					
Neg. 850 mV Instant Off	<input type="checkbox"/> PASS					A negative polarized potential of at least 850 mV relative to a saturated copper-copper sulfate reference electrode ("Instant Off" Potential).
	<input type="checkbox"/> FAIL					
100 mV Polarization	<input type="checkbox"/> PASS					A minimum of 100 mV of cathodic polarization between the structure surface and a stable reference electrode contacting the electrolyte.
	<input type="checkbox"/> FAIL					